NUTRIENT MANAGEMENT DESIGN AND SPECIFICATIONS

Landuser_____ Tract/Field_____

Assisted by_____ Date_____

PURPOSE (Check all that apply)			
Budget and supply nutrients for plant production	✓	Utilize manure/organic materials as a nutrient source	
Minimize agricultural non-point source pollution (water quality)	✓	Maintain or improve soil condition	✔

Table 1. Field Conditions and Recommendations

CROP SEQUENCE/ROTATION (check current crop in small box)					EXPECTED YIELD

CURRENT SOIL TEST LEVELS (specify ppm or lb./ac)						
N	P	K	pH	OM%	EC	Texture

RECOMMENDED NUTRIENTS/AMENDMENTS TO MEET EXPECTED YIELD					
N^1	$P_2O_5{}^2$	K_2O^3	LIME	Other_____	Other_____

Table 2. Nutrient Sources

Nitrogen Credits		N		P_2O_5		K_2O	
		pounds per acre					
1. Nitrogen credits from previous legume crop[4]							
2. Residual from long-term manure application							
3. Irrigation water[5]							
4. Other (e.g., atmospheric deposition)[6]							
5. **Total credits**							
Plant-Available Nutrients Applied to Field		N		P_2O_5		K_2O	
(Circle column that is landuser's decision)		Current	Plan	Current	Plan	Current	Plan
6. Credits (from row 5, above)							
7. Fertilizer	Starter/Plow Down/Fertigation						
	Side Dress/Other (specify by circling)						
8. Manure / Organic Materials							
9. Subtotal (sum of lines 6, 7 and 8)							
10. Nutrients Recommended (from Table 1)							
11. Nutrient Status (subtract line 10 from line 9)							
If line 11 is a negative number, this is the amount of additional nutrients needed to meet the crop recommendation.							
If line 11 is a positive number, this is the amount by which the available nutrients exceed the crop requirements.							

NUTRIENT MANAGEMENT SPECIFICATIONS						
Amount to be Applied (lb./ac)	**N**		**P2O5**		**K_20**	
Method, Form, and Timing of Application:						

Nutrient Management - Job Sketch

Draw or sketch the field, showing any sensitive areas and required setback zones. Inside each sketched field, enter total field acres and net application acres. Other relevant information, such as complementary practices or adjacent field or tract conditions may be included.

Scale 1" = _____ ft. (NA indicates sketch not to scale: grid size = ½" by ½ ")

Perform the following operations and maintenance:
Review this nutrient management plan every _____ years.
Maintain field records for 5 years
Calibrate application equipment to apply within +/- **10%** of the recommended rate.
Handle all nutrient material with caution. Wear appropriate protective clothing.
Clean up residual materials from equipment and dispose of properly.
Additional Specifications and Notes

I have read the above Nutrient Management Design and Specification and agree to apply as specified.

Producer signature _____ **Date** _____

[1] From University of Wyoming, Guide to Wyoming Fertilizer Recommendations
[2] From University of Wyoming, Guide to Wyoming Fertilizer Recommendations
[3] From University of Wyoming, Guide to Wyoming Fertilizer Recommendations
[4] Only if legume part of rotation since last soil test.
[5] 2.7 x ppm NO_3^- in Irrigation Water X Ac-Ft. Water Applied During Irrigation Season
[6] From National Atmospheric Deposition Program